MODIFICATION PROPOSAL FORM

FORM GC1, PROPOSAL OF MODIFICATION TO GRID CODE.

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MODIFICATION PROPOSAL ORIGINATOR TELEPHONE NUMBER:	01-2370113	DATE:	31/1/2012
MODIFICATION PROPOSAL ORIGINATOR E-MAIL ADDRESS:	alan.rogers@eirgrid.com	MODIFICATION PROPOSAL NUMBER (EIRGRID USE ONLY)	MPID 211
GRID CODE SECTION(S) AFFECTED BY PROPOSAL:		**SDC1, SDC2, Glossary**	
GRID CODE VERSION :		**V 4**	
MODIFICATION PROPOSAL DESCRIPTION (MUST CLEARLY STATE THE DESIRED AMENDMENT, ALL TEXT/FORMULA CHANGES TO THE GRID CODE. THE REQUIRED REASON FOR THE MODIFICATION MUST STATED. ATTACH ANY FURTHER INFORMATION IF NECESSARY.)		The proposed modification is to account for changes to the Scheduling and Dispatch Code that arise as a result of Intraday Trading. Intraday Trading is a change to the operation of the Single Electricity Market to allow for trading of unallocated capacity on the Interconnectors. The affected sections and amendments are given below. The main modifications to the text are definitions and descriptions of the new Gate Windows and Intraday Trading, and the replacement of **Trading Day** with **Trading Window** where appropriate.	
IMPLICATION OF NOT IMPLEMENTING THE MODIFICATION		Without this modification, it will be unclear how Intraday Trading is treated within the Grid Codes	
Please submit the Modification Proposal by fax, post or electronically, using the information supplied above			
EIRGRID REVIEWER			

EIRGRID ASSESSMENT	

It is proposed to delete text highlighted in red strike-through and add the text highlighted in blue:

SDC1.1.4   **INTRA-DAY TRADING**
There are three **Gate Windows**, denoted EA1 (Ex-Ante 1), EA2 (Ex-Ante 2), and WD1 (Within-day 1), and three associated **Trading Windows**. The rules for **Users** to submit new or revised data related to the three associated **Trading Windows** are set out in the **TSC**.
The timings of the key events for **Intra-Day Trading** are set out in the table below.

Gate Window	EA1	EA2	WD1
Gate Window Opening	06:00 on D-29	09:30 on D-1	11:30 on D-1
Gate Window Closure	09:30 on D-1	11:30 on D-1	08:00 on D
Trading Windows			
Start of **Trading Window**	Start of **Trading Day** (**Trading Period** starting 06:00)	Start of **Trading Day** (**Trading Period** starting 06:00)	**Trading Period** starting 18:00
End of **Trading Window**	End of **Trading Day** (**Trading Period** Starting 05:30)	End of **Trading Day** (**Trading Period** Starting 05:30)	End of **Trading Day** (**Trading Period** Starting 05:30)

SDC1.4.1.1   <u>Requirement</u>

(a)   Each **User** shall, by not later than the EA1 **Gate Window Closures** each day, notify the **TSO** by means of an **Availability Notice** (in such form as the **TSO** may reasonably notify from time to time or in the form published on the **TSO** website) of changes to the **Availability**, available transfer capacity and/or **Demand Reduction** (as the case may be) of each of its:

SDC1.4.2   **Additional Grid Code Availability Notice**

The following items are required to be submitted by each **User** by no later than the EA1 **Gate Window Closure** each day, with the exception of **Aggregators** and **Dispatchable Demand Customers**, direct to the **TSO**, regardless of whether these have to be submitted under the **TSC**. The requirements in SDC1.4.1 in relation to data apply to this SDC1.4.2 as if repeated here.

SDC1.4.4   **Technical and Commercial Data Requirements**

SDC1.4.4.1   **Technical Parameters**

(a)   (i)   By not later than the EA1 **Gate Window Closure**, each **User** shall in respect of each:

- **CDGU;**

- **Controllable WFPS**;

- **Aggregated Generating Unit**,

- **Pumped Storage Plant Demand**; and/or

- **Demand Side Unit**,

submit to the **TSO** a **Technical Parameters Notice** in such form as the **TSO** may reasonably notify to each **User** or in the form published on the **TSO** website from time to time, containing the **Technical Parameters** to apply for the following **Trading Day**.

(ii)   A **User** may satisfy this obligation by submitting the data under the **TSC**, unless the **TSO** requires, by notice in writing to the **User**, the data to be submitted to it under the **Grid Code**.

(iii)   Subsequent revisions to the **Technical Parameters Notice** may be submitted according to the technical offer data submission provisions as set out in the **TSC**. If there is a change to the data submitted under the **TSC**, the **User** shall notify the **TSO**.

SDC1.4.4.4   **Other Relevant Data**

(a) By not later than the EA1 **Gate Window Closure** each day, each **User** in respect of each of its **Plant**, shall in respect of the following **Trading Day** submit to the **TSO** in writing in the form set out on the **TSO** website or in such other form as the **TSO** may reasonably notify to each **User** from time to time), details in relation to the following **Trading Day** of any newly arisen special factors, including abnormal risk to loss, which in the reasonable opinion of the **User** may have a material effect on the likely **MW Output** or **Demand Reduction** of such **Plant** (including, for a **CCGT Installation** in relation to each of the *CCGT Unit*s therein). The notice shall be consistent with the **User's** obligations under SDC1.4.3.2. The provisions of this paragraph also apply to **Interconnector Owners** in relation to their **Interconnector Filters**.

SDC1.4.4.5   **Commercial Offer Data**

(a)   Each:
- **Generator**;

- **Pumped Storage Generator**;

- **Interconnector User**;

- **Dispatchable Demand Customer**; and

- **Generator Aggregator,**

shall in respect of:

- each of its **CDGUs**;

- each of its **Pumped Storage Plant Demand**;

- each of its **Interconnector Units**;

- each of its **Demand Side Units**; and

- its **Aggregated Generating Units**,

submit to the **TSO**, either directly or by means of an **Intermediary** on its behalf, **Commercial Offer Data** by the **Gate Window Closures** for the corresponding **Trading Windows** in accordance with the **TSC.** If no new **Commercial Offer Data** is submitted, the last accepted data will be used.

(b) Each **Generator** shall in respect of each of its **Energy Limited Generating Units** submit an **Energy Limit** as well as the **Commercial Offer Data** by **Gate Window Closure** for the ~~following~~ corresponding **Trading ~~Day~~ Window**. If no new data is submitted, the last accepted data will be used.

(c) Each **Pumped Storage Plant** will, with respect to its **Pumped Storage Plant Demand**, submit its **Target Reservoir Level** by **Gate Window Closure** for the ~~following~~ corresponding **Trading ~~Day~~ Window**. If no new data is submitted, the last accepted data will be used.

The **TSO** may require, by notice to the relevant **User**, the data referred to at SDC1.4.4.5 (a) to (c) to be submitted to it directly under the **Grid Code.** All data items submitted under this SDC1.4.4.5 are to be at levels of **MW Output** at the **Connection Point**.

SDC1.4.5.2   **Technical Parameters** and **Additional Grid Code Characteristics**

(a) **Technical Parameters:** If any of the data submitted to the **TSO** under SDC1.4.4.1 and SDC1.4.4.4 changes, a **User** shall, subject to SDC1.4.3, (in the case of data submitted under SDC1.4.4.1 by means of a **Technical Parameters Notice**) make revisions to such data. The **User** shall notify the **TSO** of any revisions to any previously revised data by submitting by the **Electronic Interface** a revised **Technical Parameters Notice** in the form set out on the **TSO** website or in such other form as the **TSO** may reasonably notify to each **User** from time to time. The **User** must notify the **TSO** of any new **Other Relevant Data** of which it becomes aware at any time after any original submission, in writing.

(b) **Additional Grid Code Characteristics**: A **User** may make revisions to the **Additional Grid Code Characteristics Notice** submitted to the **TSO** under SDC1.4.4.2 at any time after the submission of the **Additional Grid Code Characteristics Notice** by submitting by **Electronic Interface** a revised **Additional Grid Code Characteristics Notice**. The notice shall be in the form set out on the **TSO** website or in such other form as the **TSO** may reasonably notify to each **User** from time to time.

(c) **Energy Limits** for **Hydro Units**: A **Generator** in respect of its **Hydro Units** shall resubmit **Energy Limits** on the **Trading Day** regardless of whether the **Energy Limits** have changed since the EA1 **Gate Window Closure**. Revised **Energy Limits** for **Hydro Units** may be submitted at any time up until 18.00 hours on the **Trading Day** in writing per unit basis.

SDC1.4.6   (a)   Defaults:

(i) Insofar as any data submitted or deemed to have been submitted on any particular day in any **Availability Notice**, **Technical Parameters Notice** (such notice not being relevant to an **Interconnector Owner**), or notice of **Other Relevant Data** or any revision thereto is inconsistent with any other data in any other such notice, then the most recently submitted data which, if substituted for the inconsistent data, would make the data in such notices

consistent, shall apply for the next following **Trading ~~Day~~ Window** *or any other values that the **TSO** may reasonably deem appropriate*.

(ii) Insofar as an **Availability Notice** is not submitted, the **User** shall be deemed to have submitted an **Availability Notice** by **Gate Closure** stating that the **Availability** of the relevant **CDGU, Controllable WFPS, Demand Side Unit** and/or the **Aggregated Generating Units** for the whole of the following **Trading ~~Day~~ Window** will be the level of **Availability** and **Operating Mode** declared in respect of the final **Trading Period** of the current **Trading ~~Day~~ Window** *or any other values that the **TSO** may reasonably deem appropriate*.

(iii) Insofar as not submitted or revised, the applicable **Standing Technical Offer Data** for **Technical Parameters** shall apply for the next following **Trading Day**.

(iv) Insofar as not submitted or revised, the last notice relating to **Other Relevant Data** to have been submitted shall apply for the next following **Trading Day**.

(v) In respect of **Hydro Units**, the **Energy Limit** that applied to the previous **Trading Day** will be used.

(b) As a general requirement, the **User** shall ensure that the data in any **Availability Notice, Technical Parameters Notice,** or notice of any **Other Relevant Data** or any revision thereto is consistent with its obligations under SDC1.4.3.2 and SDC1.4.3.4.

SDC1.4.8.2   **Merit Order**

Subject as provided below, a **Merit Order** will be compiled by the **TSO** (in conjunction with the **Other TSO**) for each **Trading ~~Day~~ Window** from the **Price Quantity Pairs**, **Start-Up Cost**, **Shutdown Cost** and **No-Load Cost** (which together shall be known as the "**Price Set**") and, subject as provided in this SDC1, used to determine which of the **CDGUs, Controllable WFPSs**, **Pumped Storage Plant Demand**, **Demand Side Units**, **Aggregated Generating Units** or **Interconnector** tranche to **Schedule** and **Dispatch** in relation to their **Price Sets**. The **Merit Order** will be on the basis of ascending prices so that the **CDGU, Controllable WFPS**, **Pumped Storage Plant Demand**, **Demand Side Unit, Aggregated Generating Unit Price Set** or **Interconnector** tranche **Price Set** at the head of the **Merit Order** will be that which has the lowest **Incremental Price** per **MWh**, and that at the foot of the **Merit Order** shall be the one with the highest **Incremental Price** per **MWh**. Each **CDGU, Controllable WFPS**, **Pumped Storage Plant Demand**, **Demand Side Unit**, **Aggregated Generating Units** and/or **Interconnector** tranche shall appear in the **Merit Order** for each **Price Set** submitted.

SDC1.4.8.9   Issue of **Indicative Operations Schedule**

(a) The **Indicative Operations Schedule** associated with the EA2 **Trading Window** will be published for access by **Users** by 1600 hours each day preceding the relevant **Trading Day,** and the **Indicative Operations Schedule** associated with the within-day WD1 **Trading Window** will be published for access by **Users** by 1330 hours each day on the relevant **Trading Day**, provided that all the necessary information from the **Users** was made available by not later than **Gate Window Closure**. However, if on any occasion the **TSO** is unable to meet these times, the **TSO** also reserves the right to extend the timescale for the issue of the **Indicative Operations Schedules** to the extent necessary. Following the issue of the **Indicative Operations Schedule** preceding the relevant **Trading Window**, the **TSO** may issue revised **Indicative Operations Schedules** up until one hour before the start of the **Trading Window**.

The **Indicative Operations Schedule** associated with the EA2 **Trading Window** will be published for access by **Users** by 1600 hours each day preceding the relevant **Trading Day**, and the **Indicative Operations Schedule** associated with the within-day WD1 **Trading Window** will be published for access by **Users** by 1330 hours each day on the relevant **Trading Day**, provided that all the necessary information from the **Users** was made available by not later than **Gate Window Closure**. However, if on any occasion the **TSO** is unable to meet ~~this~~ these times, the **TSO** also reserves the right to extend the timescale for the issue of the ~~first~~ **Indicative Operations Schedules** to the extent necessary. Following the issue of the **Indicative Operations Schedule** preceding the relevant **Trading Window**, the **TSO** may issue revised **Indicative Operations Schedules** up until one hour before the start of the **Trading** ~~**Day**~~ **Window**.

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NEW GLOSSARY TERMS

Gate Window	The period of time within which data transactions may be submitted and accepted for use in the associated market scheduling and pricing software run, as set out in the **TSC**. There are three **Gate Windows** and three corresponding **Trading Windows** associated with each **Trading Day**, denoted EA1 (Ex-Ante 1), EA2 (Ex-Ante 2), and WD1 (Within-day 1).
Gate Window Closure	The time prior to which data transactions may be submitted and accepted for use in the associated market scheduling and pricing software run, as set out in the **TSC.**
Gate Window Opening	The time after which data transactions may be submitted and accepted for use in the associated market scheduling and pricing software run, as set out in the **TSC.**
Intra-day Trading	The facilitation of trading of unallocated capacity on the **Interconnectors** within the **Trading Day** by means of additional **Gate Windows.**
Trading Window	This is the contiguous number of **Trading Periods**, excluding the starting overlap optimisation period and ending overlap optimisation period, for which the relevant market scheduling and pricing software run will determine the market schedule quantities.